Author Index of Volume 463

Adams, R.D., C5
Aime, S., 223
Akkerman, O.S., 7
Anderson, S., C3
Aoki, Y., 179
Aresta, M., 215
Atwood, D.A., 29
Atwood, V.O., 29

Bakos, J., 223
Bakshi, P.K., 115
Barrado, G., 127
Behbehani, H., 41
Behrens, U., 249
Beletskaya, I.P., C1
Bermejo, M.-J., 143
Bianchi, M., 187
Bickelhaupt, F., 7
Bill, E., 151
Bond, M.R., 29
Brisdon, B.J., 41
Brunet, J.-J., 205
Buchowicz, W., 235
Butcher, R.J., 97

Cameron, T.S., 115
Campo, J.A., 121
Cano, M., 121
Carluccio, L.C., 187
Carrano, C.J., 29
Carriker, D.F., 29
Casas, J.S., 91
Casellato, U., 91
Clark, E.N., 85
Collin, J., 103
Consiglio, G., 23
Cook, D.J., C3
Cortopassi, J., C5
Cowley, A.H., 29

Dahlenburg, L., C8, 227
Dartiguenave, M., C8
Dartiguenave, Y., C8
Denning, R.G., 199
Ding, K., 77

Ernst, M., C8

Falloon, S., C5
Filippou, A.C., 135
Frediani, P., 187
Fujita, J., 169

Gabbai, F.P., 29
García, G., 239
García-Granda, S., 127
García Martínez, E., 91
Gobetto, R., 223
Gómez, M., 205
Graziani, R., 91
Groshens, T.J., 97
Guarducci, R., 187

Habel, W., 47
Hajouji, H., 205
Halsch, E., 227
Hamamura, K., 169
Harrison, P.G., 85
Higa, K.T., 97
Hill, A.F., C3
Hitchcock, P.B., 155

Ianelli, S., 187
Indolese, A., 23
Ingram, G., 163

Jones, R.A., 29
Jutzi, P., 151

Kita, M., 169
Klapötke, T.M., 115
Komiya, S., 179

Laidlaw, W.M., 199
Le Beuze, A., 109
Loos, D., 37
López, G., 239
Ludwig, M., 65

Madden, T.J., 155
Mahon, M.F., 41
Markies, P.R., 7
Mazhar, M., 41
Menéndez, N., 121
Miguel, D., 127
Mizuho, Y., 179
Moll, M., 227
Molloy, K.C., 41
Mueller-Westerhoff, U.T., 163
Müller, E.P., 245
Muñoz, J.A., 239

Nagarajan, A., 1
Nardelli, M., 187
Neibecker, D., 205
Nelson, D.J., 1
Nixon, J.F., 155
Nonoyama, M., 169

Oelschläger, A., 47
Olbrich, F., 249
Oyasato, N., 179

Panizo, M., 121
Pasynkiewicz, S., 235
Pérez-Martinez, J.A., 127
Peringer, P., 245
Piacenti, F., 187
Pietrzykowski, A., 235
Pires de Matos, A., 103
Poptawska, M., 235

Quaranta, E., 215

Rabaâ, H., 109
Rhomberg, A., 245
Riera, V., 127
Rogers, R.D., 135
Ruiz, J.-I., 143
Russo, U., 91

Saillard, J.-Y., 109
Salvini, A., 187
Sánchez, G., 239
Sánchez González, A., 91
Santos, I., 103
Sartori, P., 47
Scheffknecht, C., 245
Schmidt, G., 249
Schnöckel, H., 37
Schulz, A., 115
Schumann, H., C1
Schwarz, W., 51
Shestakova, A.K., C1
Siemeling, U., 151
Smeets, W.J.J., 7
Solans, X., 143
Sordo, J., 91
Spek, A.L., 7
Steinborn, D., 65
Szalontai, G., 223

Tornero, J., 121
Trautwein, A.X., 151

Uhlig, W., 73

Vidal, M.J., 239
Villena, A., 7
Vinaixa, J., 143
Völkl, C., 135
Voskoboynikov, A.Z., C1

Wang, Y., 77
Weiss, E., 249
Westerhausen, M., 51
Wolski, A., 227
Wu, Y., 77

Yang, L., 77
Yang, Z., 163

Zhu, Y., 77

Subject Index of Volume 463

Arsenic

Synthesis and characterization of compounds with a Group 12–Arsenic Bond. The crystal structure of $[^tBuZnAs(^tBu)_2]_2$ (T.J. Groshens, K.T. Higa and R.J. Butcher), 97

Barium

Synthese und spekroskopische Charakterisierung von Erdalkalimetall-bis[bis(trimethylsilyl)phosphaniden]—Molekülstrukturen von $Ca[P(SiMe_3)_2]_2 \cdot 2TMTA$ und $Ba[P(SiMe_3)_2]_2 \cdot 4THF$ (M. Westerhausen und W. Schwarz), 51

Cadmium

Synthesis and characterization of compounds with a Group 12–Arsenic Bond. The crystal structure of $[^tBuZnAs(^tBu)_2]_2$ (T.J. Groshens, K.T. Higa and R.J. Butcher), 97

Calcium

Synthese und spekroskopische Charakterisierung von Erdalkalimetall-bis[bis(trimethylsilyl)phosphaniden]—Molekülstrukturen von $Ca[P(SiMe_3)_2]_2 \cdot 2TMTA$ und $Ba[P(SiMe_3)_2]_2 \cdot 4THF$ (M. Westerhausen und W. Schwarz), 51

Chromium

Structure électronique du complexe organométallique binucléaire du biphényle $\{(\eta^6:\eta^6\text{-}C_{12}H_{10})[Cr(CO)_3]_2\}$ et de son dianion $\{(\eta^5:\eta^5\text{-}C_{12}H_{10})[Cr(CO)_3]_2\}^{2-}$ (H. Rabaâ, J.-Y. Saillard et A. Le Beuze), 109

Copper

Metallorganische Verbindungen des Kupfers. VI. Die ternären Komplexe der Kupfer(I)-Halogenide mit Triphenylphosphan und 3,3,6,6-Tetramethyl-1-thia-4-cycloheptin im Vergleich (F. Olbrich, U. Behrens, G. Schmidt und E. Weiss), 249

Gallium

Short Ga ··· H–N distances in gallium amine and amide complexes (D.A. Atwood, V.O. Atwood, D.F. Carriker, A.H. Cowley, F.P. Gabbai, R.A. Jones, M.R. Bond and C.J. Carrano), 29

(Cyclopentadienyl)-Gallium(I)-Verbindungen (D. Loos und H. Schnöckel), 37

Germanium

Zur Reaktivität aminosubstituierter Disilane und Germylsilane gegenüber Trifluormethansulfonsäure (W. Uhlig), 73

Iridium

Metallorganische Verbindungen des Iridiums und Rhodiums. XXXI. Heterobimetallische Zweikern-Komplexe durch Addition von $Cp(CO)_3MH$ (M = Mo, W) an $Ir(CH_3)(CO)(PPh_3)_2$ (L. Dahlenburg, E. Halsch, A. Wolski und M. Moll), 227

Organometallic compounds of iridium and rhodium. XXXII. (Trimethylsilyl)diazomethyl derivatives of $[^tBuP(CH_2CH_2CH_2PPh_2)_2]MCl$ (M = Rh, Ir) (L. Dahlenburg, M. Ernst, M. Dartiguenave and Y. Dartiguenave), C8

Iron

Zu Metall–Metall-Wechselwirkungen in Komplexen eines doppelt Dimethylsilandiyl-verbrückten Dicyclopentadienyl-Liganden (U. Siemeling, P. Jutzi, E. Bill und A.X. Trautwein), 151

Reactions of $[Fe_2(CO)_6(\mu\text{-}CO)(\mu\text{-}dppm)]$, with $PhC{\equiv}CH$ and the phospha-alkyne, $^tBuC{\equiv}P$. Crystal and molecular structures of the four diiron complexes $[Fe_2(CO)_4(\mu\text{-}CO)(\mu\text{-}dppm)_2]$, $[Fe_2(CO)_5(\mu\text{-}dppm)(\mu\text{-}\eta^2\text{-}CHC(CO)Ph]$, $[Fe_2(CO)_4(\mu\text{-}CO)(\mu\text{-}dppm)(\mu\text{-}\eta^2\text{-}^tBuCP)]$, and $[Fe_2(CO)_5(\mu\text{-}dppm)(\mu\text{-}\eta^2\text{-}PC(CO)^tBu)]$ (P.B. Hitchcock, T.J. Madden and J.F. Nixon), 155

A simple synthesis of metallocene aldehydes from lithiometallocenes and *N,N*-dimethylformamide: ferrocene and ruthenocene aldehydes and 1,1′-dialdehydes (U.T. Mueller-Westerhoff, Z. Yang and G. Ingram), 163

Double cyclopalladation of *N,N,N′,N′*-tetramethylferrocene-1,1′-dicarbothioamide (K. Hamamura, M. Kita, M. Nonoyama and J. Fujita), 169

Lithium

The reaction of 1-chloro-2-methyl-1-propenyllithium with a selection of organolithiums. The development and synthetic utility of novel base/nucleophile combinations (D.J. Nelson and A. Nagarajan), 1

Lutetium

Insertion of tellurium(0) into yttrium–carbon bonds (I.P. Beletskaya, A.Z. Voskoboynikov, A.K. Shestakova and H. Schumann), C1

Magnesium

Intra-annular reactions of the (1,3-xylylene)-18-crown-5 system: synthesis and crystal structure of [2-(bromomagnesio)-1,3-xylylene]-18-crown-5, [2-(bromomercurio)-1,3-xylylene]-18-crown-5 and bis[(1,3-xylylene-18-crown-5)-2-yl]mercury (P.R. Markies, A. Villena, O.S. Akkerman, F. Bickelhaupt, W.J.J. Smeets and A.L. Spek), 7

Influence of the extent of conversion on enantioselectivity in the nickel-catalyzed cross-coupling reaction (A. Indolese and G. Consiglio), 23

Manganese

Dynamic behaviour of octahedral complexes of manganese(I). X-Ray crystal structure of *fac*-$[Mn(\eta^1\text{-}1,8\text{-naphthyridine})\text{-}\eta^2\text{-}1,8\text{-naphthyridine})(CO)_3]ClO_4 \cdot CH_2Cl_2$ (M.-J. Bermejo, J.-I. Ruiz, X. Solans and J. Vinaixa), 143

Mercury

Intra-annular reactions of the (1,3-xylylene)-18-crown-5 system: synthesis and crystal structure of [2-(bromomagnesio)-1,3-xylylene]-18-crown-5, [2-(bromomercurio)-1,3-xylylene]-18-crown-5 and bis[(1,3-xylylene-18-crown-5)-2-yl]mercury (P.R. Markies, A. Villena, O.S. Akkerman, F. Bickelhaupt, W.J.J. Smeets and A.L. Spek), 7

Synthesis and characterization of compounds with a Group 12–Arsenic Bond. The crystal structure of $[^tBuZnAs(^tBu)_2]_2$ (T.J. Groshens, K.T. Higa and R.J. Butcher), 97

Metallocenes

A simple synthesis of metallocene aldehydes from lithiometallocenes and *N,N*-dimethylformamide: ferrocene and ruthenocene aldehydes and 1,1′-dialdehydes (U.T. Mueller-Westerhoff, Z. Yang and G. Ingram), 163

Molybdenum

Das Reaktionsverhalten von Cp_2MoCl_2 gegenüber WF_6 und $NOBF_4$ – Struktur von $[Cp_2MoCl_2][BF_4]$ (T.M. Klapötke, A. Schulz, T.S. Cameron und P.K. Bakshi), 115

Heterobimetallic Mo–Sn complexes with seven-coordinate molybdenum and five-coordinate tin (M. Cano, M. Panizo, J.A. Campo, J. Tornero and N. Menéndez), 121

Seven-coordinate molybdenum complexes containing $SnRCl_2$ and phosphorodithioate. X-Ray structure of $[Mo(CO)_2\{P(OMe)_3\}_2\{S_2P(OEt)_2\}(SnBuCl_2)]$ (G. Barrado, D. Miguel, J.A. Pérez-Martinez, V. Riera and S. García-Granda), 127

Metallorganische Verbindungen des Iridiums und Rhodiums. XXXI. Heterobimetallische Zweikern-Komplexe durch Addition von $Cp(CO)_3MH$ (M = Mo, W) an $Ir(CH_3)(CO)(PPh_3)_2$ (L. Dahlenburg, E. Halsch, A. Wolski und M. Moll), 227

Nickel

Influence of the extent of conversion on enantioselectivity in the nickel-catalyzed cross-coupling reaction (A. Indolese and G. Consiglio), 23

(η^3-Allyl)(η^5-cyclopentadienyl)nickel complexes (S. Pasynkiewicz, A. Pietrzykowski, W. Buchowicz and M. Poptawska), 235

Bis(pentafluorophenyl) derivatives of nickel(II) with anionic bidentate Schiff base ligands (G. Sánchez, J.A. Muñoz, M.J. Vidal, G. García and G. López), 239

Osmium

Synthesis, characterization and electrochemistry of cyclopentadienyl phosphine nitrosyl cyanide complexes of ruthenium(II) and osmium(II). Preparation of the dicyano ruthenium(II) complex, $[(\eta^5\text{-}C_5H_5)Ru(PPh_3)(CN)_2]Na$ (W.M. Laidlaw and R.G. Denning), 199

Cluster-assisted cyclooligomerization of thietane. A new route to polythioether macrocycles (R.D. Adams, J. Cortopassi and S. Falloon), C5

Palladium

Double cyclopalladation of *N,N,N′,N′*-tetramethylferrocene-1,1′-dicarbothioamide (K. Hamamura, M. Kita, M. Nonoyama and J. Fujita), 169

Phosphorus

Synthese und spekroskopische Charakterisierung von Erdalkalimetall-bis[bis(trimethylsilyl)phosphaniden]—Molekülstrukturen von $Ca[P(SiMe_3)_2]_2 \cdot 2TMTA$ und $Ba[P(SiMe_3)_2]_2 \cdot 4THF$ (M. Westerhausen und W. Schwarz), 51

Untersuchungen zum elektronischen Einfluß von Organoliganden. XI. Synthese und Charakterisierung von Organorhodiumbis(dimethylglyoximato)triphenylphosphin-Komplexen (D. Steinborn und M. Ludwig), 65

Reactions of $[Fe_2(CO)_6(\mu\text{-}CO)(\mu\text{-dppm})]$, with PhC≡CH and the phospha-alkyne, $^tBuC{\equiv}P$. Crystal and molecular structures of the four diiron complexes $[Fe_2(CO)_4(\mu\text{-}CO)(\mu\text{-dppm})_2]$, $[Fe_2(CO)_5(\mu\text{-dppm})(\mu\text{-}\eta^2\text{-}CHC(CO)Ph]$, $[Fe_2(CO)_4(\mu\text{-}CO)(\mu\text{-dppm})(\mu\text{-}\eta^2\text{-}^tBuCP)]$, and $[Fe_2(CO)_5(\mu\text{-dppm})(\mu\text{-}\eta^2\text{-}PC(CO)^tBu)]$ (P.B. Hitchcock, T.J. Madden and J.F. Nixon), 155

Metallorganische Verbindungen des Iridiums und Rhodiums. XXXI. Heterobimetallische Zweikern-Komplexe durch Addition von $Cp(CO)_3MH$ (M = Mo, W) an $Ir(CH_3)(CO)(PPh_3)_2$ (L. Dahlenburg, E. Halsch, A. Wolski und M. Moll), 227

Metallorganische Verbindungen des Kupfers. VI. Die ternären Komplexe der Kupfer(I)-Halogenide mit Triphenylphosphan und 3,3,6,6-Tetramethyl-1-thia-4-cycloheptin im Vergleich (F. Olbrich, U. Behrens, G. Schmidt und E. Weiss), 249

Platinum

Simple cycloplatination of triphenylphosphine (C. Scheffknecht, A. Rhomberg, E.P. Müller and P. Peringer), 245

Rhodium

Untersuchungen zum elektronischen Einfluß von Organoliganden. XI. Synthese und Charakterisierung von Organorhodiumbis(dimethylglyoximato)triphenylphosphin-Komplexen (D. Steinborn und M. Ludwig), 65

Chiral diphospholes III. Improved synthesis and coordination chemistry of (*R,R*)-DIPPOP (J.-J. Brunet, M. Gómez, H. Hajouji and D. Neibecker), 205

Synthesis, characterization and reactivity of $[Rh(bpy)(C_2H_4)Cl]$. A study on the reaction with C_1 molecules (CH_2O, CO_2) and $NaBPh_4$ (M. Aresta and E. Quaranta), 215

High-resolution NMR studies of (diphosphine)(diene)rhodium complexes in the solid state (G. Szalontai, J. Bakos, S. Aime and R. Gobetto), 223

Organometallic compounds of iridium and rhodium. XXXII. (Trimethylsilyl)diazomethyl derivatives of $[^tBuP(CH_2CH_2CH_2PPh_2)_2]MCl$ (M = Rh, Ir) (L. Dahlenburg, M. Ernst, M. Dartiguenave and Y. Dartiguenave), C8

Ruthenium

A simple synthesis of metallocene aldehydes from lithiometallocenes and *N,N*-dimethylformamide: ferrocene and ruthenocene aldehydes and 1,1′-dialdehydes (U.T. Mueller-Westerhoff, Z. Yang and G. Ingram), 163

C–H Bond activation of alkenecarboxylates by ruthenium complexes having triphenylphosphine ligands (S. Komiya, Y. Aoki, Y. Mizuho and N. Oyasato), 179

Ruthenium carbonyl carboxylates with nitrogen-containing ligands. I. Syntheses and characterization of binuclear compounds (P. Frediani, M. Bianchi, A. Salvini, R. Guarducci, L.C. Carluccio, F. Piacenti, S. Ianelli and M. Nardelli), 187

Synthesis, characterization and electrochemistry of cyclopentadienyl phosphine nitrosyl cyanide complexes of ruthenium(II) and osmium(II). Preparation of the dicyano ruthenium(II) complex, $[(\eta^5\text{-}C_5H_5)Ru(PPh_3)(CN)_2]Na$ (W.M. Laidlaw and R.G. Denning), 199

Silicon

(Cyclopentadienyl)-Gallium(I)-Verbindungen (D. Loos und H. Schnöckel), 37

The structure of 1,1,3,3,5,5-hexaphenyl-1,3-5-trisiloxane-1,5-diol (H. Behbehani, B.J. Brisdon, M.F. Mahon, K.C. Molloy and M. Mazhar), 41

Synthese und Charakterisierung von Poly(dialkylsilylen-co-methylenen) (W. Habel, A. Oelschläger und P. Sartori), 47

Synthese und spekroskopische Charakterisierung von Erdalkalimetall-bis[bis(trimethylsilyl)phosphaniden]—Molekülstrukturen von $Ca[P(SiMe_3)_2]_2 \cdot 2TMTA$ und $Ba[P(SiMe_3)_2]_2 \cdot 4THF$ (M. Westerhausen und W. Schwarz), 51

Untersuchungen zum elektronischen Einfluß von Organoliganden. XI. Synthese und Charakterisierung von Organorhodiumbis(dimethylglyoximato)triphenylphosphin-Komplexen (D. Steinborn und M. Ludwig), 65

Zur Reaktivität aminosubstituierter Disilane und Germylsilane gegenüber Trifluormethansulfonsäure (W. Uhlig), 73

Zu Metall–Metall-Wechselwirkungen in Komplexen eines doppelt Dimethylsilandiyl-verbrückten Dicyclopentadienyl-Liganden (U. Siemeling, P. Jutzi, E. Bill und A.X. Trautwein), 151

Insertion of tellurium(0) into yttrium–carbon bonds (I.P. Beletskaya, A.Z. Voskoboynikov, A.K. Shestakova and H. Schumann), C1

Organometallic compounds of iridium and rhodium. XXXII. (Trimethylsilyl)diazomethyl derivatives of $[^tBuP(CH_2CH_2CH_2PPh_2)_2]MCl$ (M = Rh, Ir) (L. Dahlenburg, M. Ernst, M. Dartiguenave and Y. Dartiguenave), C8

Tellurium

Insertion of tellurium(0) into yttrium–carbon bonds (I.P. Beletskaya, A.Z. Voskoboynikov, A.K. Shestakova and H. Schumann), C1

Tin

Transmetallation reaction of Schiff-base-type arylmercury compounds with metallic tin (K. Ding, Y. Wu, Y. Wang, Y. Zhu and L. Yang), 77

Tin oxide surfaces. XXII. Fourier transform infrared study of the thermal decomposition of organotin-substituted tin(IV) oxide gels (E.N. Clark and P.G. Harrison), 85

Organotin compounds with 1-methyl-2(3*H*)-imidazolinethione. The crystal and molecular structure of dichlorobis[1-methyl-2(3*H*)-imidazolinethione]diphenyltin(IV) (E. García Martínez, A. Sánchez González, J.S. Casas, J. Sordo, U. Casellato, R. Graziani and U. Russo), 91

Heterobimetallic Mo–Sn complexes with seven-coordinate molybdenum and five-coordinate tin (M. Cano, M. Panizo, J.A. Campo, J. Tornero and N. Menéndez), 121

Seven-coordinate molybdenum complexes containing $SnRCl_2$ and phosphorodithioate. X-Ray structure of $[Mo(CO)_2\{P(OMe)_3\}_2\{S_2P(OEt)_2\}(SnBuCl_2)]$ (G. Barrado, D. Miguel, J.A. Pérez-Martinez, V. Riera and S. García-Granda), 127

Tungsten

Metal-centred C–C coupling of nitriles with 1-azaallyl ligands; synthesis and structure of β-diiminato complexes of tungsten (A.C. Filippou, C. Völkl and R.D. Rogers), 135

Metallorganische Verbindungen des Iridiums und Rhodiums. XXXI. Heterobimetallische Zweikern-Komplexe durch Addition von $Cp(CO)_3MH$ (M = Mo, W) an $Ir(CH_3)(CO)(PPh_3)_2$ (L. Dahlenburg, E. Halsch, A. Wolski und M. Moll), 227

Phosphine dihalides as reagents for synthesis of tungsten aminomethylidyne complexes (S. Anderson, D.J. Cook and A.F. Hill), C3

Uranium

Preparation and characterization of an (iodobutoxy)[hydridotris(3,5-dimethylpyrazol-1-yl)borate]uranium complex (J. Collin, A. Pires de Matos and I. Santos), 103

Yttrium

Insertion of tellurium(0) into yttrium–carbon bonds (I.P. Beletskaya, A.Z. Voskoboynikov, A.K. Shestakova and H. Schumann), C1

Zinc

Synthesis and characterization of compounds with a Group 12–Arsenic Bond. The crystal structure of $[^tBuZnAs(^tBu)_2]_2$ (T.J. Groshens, K.T. Higa and R.J. Butcher), 97

Book reviews

Gmelin Handbook of Inorganic and Organometallic Chemistry, 8th Edition, Osmium Part A / 1, Organoosmium Compounds (G.J. Leigh), C11

Gmelin Handbook of Inorganic and Organometallic Chemistry, 8th Edition, Thorium, Thorium Carbides, Supplement Volume C6 (G.J. Leigh), C11

Gmelin Handbook of Inorganic and Organometallic Chemistry, 8th Edition, Molybdenum Supplement Volume B / 7, Compounds with S (G.J. Leigh), C11

Supported Reagents. Preparation, Analysis and Applications J.H. Clark, A.P. Kybett and D.J. Macquarrie (R.V. Parish), C12